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| **Evolution** | http://www.infoplease.com/images/evolution_of_man.gif  **Evolution of man** | | | Change over time; the process by which modern organisms have descended from ancient organisms. |
| **Fossil** | https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcQvlpZPJ4OGHUmi_0TolayC9wz-eUqDFWIOjD1edmpU2DcZLO1KzQhttps://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcSxSz8Rr-6qeFrGl1TwBIbOcMzfQQ4UrblBEH0Q7edhKvoxQhThzA | | | Preserved remains or traces of ancient organisms. |
| **Habitat** | https://encrypted-tbn3.gstatic.com/images?q=tbn:ANd9GcToo5TIEIqQmgtaN_dXLbuxqWSfRl_oC_fsNGVoTfYmmDDEkQ8c | | | Area where an organism lives, including the biotic (living) and abiotic (nonliving) factors that affect it. |
| **Geology** | **Cartoon image depicting the Earth's layers.** | | | The study of the structure of the earth. |
| **Adaptation** | https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcSDIMnA2tQ6CFT3TSfiukiYde93CGgWRZCE4wX1WQ38Kndzy2DZ  **webbed feet--improve swimming** | | | Inherited characteristics that increase an organism’s ability to survive and reproduce in an environment. |
| **Artificial Selection** | https://encrypted-tbn1.gstatic.com/images?q=tbn:ANd9GcQFyPOizb2JNSmhUY9iwRmbQYdQ3P868Q19iq_LAxBZHK7s3Rar | | | People breed plants and animals to promote the occurrence of desirable traits in offspring. |
| **Natural Selection** |  | | | Organisms that survive well in their environment, and reproduce, also called survival of the fittest. |
| **Fitness** |  | | | How well an organism can survive and reproduce in its environment. |
| **Common**  **Decent** | http://lifeboat.com/images/tree.of.life.jpg | | | All species—living and extinct—are descended from ancient common ancestors. A single “tree of life” links all living things. |
| **Homologou*s* Structures** | https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQB0ccX5r8GSBnxYsyNC_LD1E6Ftt8iJmtujhue-mXhp830iZwN | | | Structures that are similar in different species examples: arm, leg, wing, fin. |
| **Analogous Structures** | https://encrypted-tbn1.gstatic.com/images?q=tbn:ANd9GcTl73b8hueI5Mkj7i2Txyyf6464kbT_Wmd6URFzLcWOmdYf0oYYfw | | | Body parts that share a common function, all are wings, but not structure. |
| **Vestigial Structures** | **https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcQ2GgG8-ACD1zh6YNSh2hogudP5S1pSo0G09EmxWT9e9PhxzP-D**  **Pelvis -NOT NEEDED-Whales evolved-no longer have legs.** | | | Structure that is inherited from ancestors but no longer needed by the organism, i.e. human appendix no longer needed. |
| **Chapter 16 Visual Review**  **Darwin’s Theory of Evolution** | | | | | | |
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| **Embryology** | | https://encrypted-tbn1.gstatic.com/images?q=tbn:ANd9GcTIHKZZ1axDUMBwSCKbc68RFz07nUEBN5kBcCbRTUon-ZPZJYjV | The study of developing organisms before they are born. | | |
| **Adaptive Radiation** | | https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcTxpf8yD1Tmz2ZfGqNg3LE_p1leij14PCjRqpzNzCPZ51Upvutr | Process by which a single or a small group of species evolves into several different forms that live in different ways. | | |